

Product datasheet for RC228859L4V

OriGene Technologies, Inc.

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PRKAR1B (NM_001164758) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: PRKAR1B (NM_001164758) Human Tagged ORF Clone Lentiviral Particle

Symbol: PRKAR1E
Synonyms: PRKAR1

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_001164758

ORF Size: 1143 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC228859).

Sequence:

OTI Disclaimer:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: NM 001164758.1, NP 001158230.1

 RefSeq Size:
 2488 bp

 RefSeq ORF:
 1146 bp

 Locus ID:
 5575

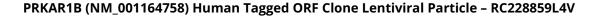
 UniProt ID:
 P31321

 Cytogenetics:
 7p22.3

Protein Families: Druggable Genome

Protein Pathways: Apoptosis, Insulin signaling pathway





ORÏGENE

MW: 43.1 kDa

Gene Summary: The protein encoded by this gene is a regulatory subunit of cyclic AMP-dependent protein

kinase A (PKA), which is involved in the signaling pathway of the second messenger cAMP. Two regulatory and two catalytic subunits form the PKA holoenzyme, disbands after cAMP binding. The holoenzyme is involved in many cellular events, including ion transport, metabolism, and transcription. Several transcript variants encoding the same protein have

been found for this gene. [provided by RefSeq, Aug 2015]